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**DATE:** January 21, 2005

**TO:** Examiner: Eduardo Garcia Otero **FAX NO.:** 703-872-9306  
USPTO GPAU: 2123

**FROM:** John R. Schell  
Reg. No.: 50,776

**RE U.S. App. No.:** 09/896,136, filed June 29, 2001

**Applicant(s):** Kok-Thye Lim, et al.

**Atty Dkt No.:** 1048-OBJ1117-US

**Title:** METHOD AND SYSTEM FOR HIGH-RESOLUTION MODELING  
OF A WELL BORE IN A HYDROCARBON RESERVOIR

**NO. OF PAGES (including Cover Sheet):** 18

**MESSAGE:**

Attached please find:

- ☒ Transmittal Form (1 pg)
- ☒ Response to Office Action (16 pgs)

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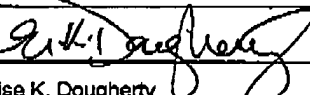
PTO/38/21 (08-04)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/896,136	
	Filing Date	June 29, 2001	
	First Named Inventor	Kok-Thye Lim, et al.	
	Art Unit	2123	
	Examiner Name	Eduardo Garcia Otero	
Total Number of Pages in This Submission	17	Attorney Docket Number	1048-OBJ1117-US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
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Firm Name	TOLER, LARSON & ABEL, LLP	
Signature		
Printed name	John R. Schell	
Date	1-21-05	Reg. No. 50,776

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Signature		
Typed or printed name	Elise K. Dougherty	Date 1/19/05

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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Kok-Thye Lim, et al.

Title: METHOD AND SYSTEM FOR HIGH-RESOLUTION MODELING OF A  
WELL BORE IN A HYDROCARBON RESERVOIR

App. No.: 09/896,136

Filed:

June 29, 2001

Examiner: Eduardo Garcia Otero

Group Art Unit:

2123

Customer No.: 34456

Confirmation No.:

5442

Atty. Dkt. No.: 1048-OBJ1117-US

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MS Non-Fee Amendment  
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## RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action mailed October 21, 2004, please amend the above-identified application as follows:

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<u>Elise K. Dougherty</u>	<u><i>E.K. Dougherty</i></u>
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